

ABSTRACT

In a film bonding machine 1 including a laser oscillation means 2 for oscillating laser for processing a tape 7 bonded onto an end surface 8 of a columnar honeycomb structural body 6 by the laser oscillated from the laser oscillation means 2, the film bonding machine 1 further includes an image pick-up means 3 having a moving type or tilt type mirror 4 capable of reflecting the end surface 8 of the honeycomb structural body 6 onto the same axis as the laser oscillation means 2 by reflected light and an image pick-up unit 5 for picking up the image of the end surface 8 of the honeycomb structural body 6 reflected by the mirror 4. In the film bonding machine 1, the processing position of the tape 7 bonded onto the end surface 8 of the honeycomb structural body 6 can be recognized by the image-pick means 3 on the same axis as the laser oscillation means 2. As a result, the tape bonded onto the end surface of the honeycomb structural body can be accurately processed by the laser.